

P23884 P01

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | | | | | |
|--|--|---|--|-------------|--|
| | | Attorney Docket No. | P23884 | Total Pages | |
| | | Inventor(s) or Application Identifier Chun-Kyu WOO, and Hyeong-Sin JEON | | | |
| | | Title: POSITION INFORMATION RECOGNITION APPARATUS FOR CLEANING ROBOT | | | |
| ADDRESS TO: | | Commissioner for Patents Mail Stop Patent Application PO Box 1450 Alexandria, VA 22313-1450 | | | |
| APPLICATION ELEMENTS | | | ACCOMPANYING APPLICATION PARTS | | |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing) | | | 9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies | | |
| 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. a. <input type="checkbox"/> Small Entity Statement(s) | | | 10. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) | | |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages <u>16</u>] (preferred arrangement set forth below) - Descriptive title of the Invention - Brief Description of Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure | | | 11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) | | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>6</u>] | | | 12. <input type="checkbox"/> English Translation Document (if applicable) | | |
| 5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>3</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) <input type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) [Note Box 6 below] i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | | | 13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations | | |
| 6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. | | | 14. <input type="checkbox"/> Preliminary Amendment | | |
| 7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | | | 15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | | |
| 8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>) | | | 16. <input checked="" type="checkbox"/> Figure of Drawing to be published: <u>3</u> 17. <input checked="" type="checkbox"/> Foreign priority claimed a. <input checked="" type="checkbox"/> Claim of Priority b. <input type="checkbox"/> Certified Copy of Priority Document(s) | | |
| 20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. <u>/</u> , filed _____ <i>Prior application information: Examiner: _____ Group Art Unit: _____</i> | | | 18. <input checked="" type="checkbox"/> Assignee: LG ELECTRONICS INC., of Seoul, Republic of Korea 19. <input type="checkbox"/> Other: _____ _____ _____ _____ _____ | | |
| 21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This application is a <u>continuation-in-part</u> , <u>continuation</u> , <u>divisional</u> , of Application No. <u>/</u> , filed _____ | | | | | |

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 Signature: Leslie M. Kasper
33,329
Bruce H. Bernstein, Reg. No. 29,027
Typed or Printed Name

P23884 P02
08334 U.S. PTO
06/26/03

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$790.00)

Complete if Known

| | |
|----------------------|-----------------------|
| Application Number | Not Yet Assigned |
| Filing Date | Concurrently Herewith |
| First Named Inventor | Chun-Kyu WOO et al. |
| Group Art Unit | Unassigned |
| Examiner Name | Unassigned |

Attorney Docket Number P23884

METHOD OF PAYMENT (check one)

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2. Payment Enclosed:
 Check Credit Card Money Order Other

FEE CALCULATION (fees effective 01/01/03)

1. FILING FEE

| Large Entity Fee | Small Entity Fee | Fee Description | Fee Paid |
|------------------|------------------|------------------------|---------------|
| Code (\$) | Code (\$) | | |
| 1001 750 | 2001 375 | Utility filing fee | <u>750.00</u> |
| 1002 330 | 2002 165 | Design filing fee | _____ |
| 1003 520 | 2003 260 | Plant filing fee | _____ |
| 1004 750 | 2004 375 | Reissue filing fee | _____ |
| 1005 160 | 2005 80 | Provisional filing fee | _____ |

SUBTOTAL (1) (\$750.00)

2. CLAIMS

| Total Claims | Independent | Multiple | Fee from below | Fee Paid |
|--------------|-------------|-----------|----------------|-------------|
| Code (\$) | Code (\$) | Code (\$) | | |
| 15 -20= | 2 -3= | 0 x | 18 = | <u>0.00</u> |
| | | 0 x | 84 = | <u>0.00</u> |

| Large Entity Fee | Small Entity Fee | Entity Code (\$) | Fee Description |
|------------------|------------------|---|-----------------|
| Code (\$) | Code (\$) | | |
| 1201 18 | 2202 9 | Claims in excess of 20 | |
| 1201 84 | 2201 42 | Independent claims in excess of 3 | |
| 1203 280 | 2203 140 | Multiple dependent claim | |
| 1204 84 | 2204 42 | Reissue independent claims over original patent | |
| 1205 18 | 2205 9 | Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$)

SUBMITTED BY

Typed or Printed Name Bruce H. Bernstein

Complete (if applicable)

Reg. Number 29,027

Signature

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Date 6/26/03 Deposit Account User ID